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FAX RECEIVED

JAN 28 2003

CONFIDENTIAL

TECHNOLOGY CENTER 2800

TO EXAMINER: H. Vy FAX #: (703)872-9318

GROUP ART UNIT: 2828


ADDRESS: U.S. Patent and Trademark Office
Washington, D.C. 20231

EXAMINER PHONE: (703)605-0757

Transmitted herewith regarding Attorney docket no. CT1108, Application Serial No. 09/921,495,
Filed 08/03/2001, are the following:

- ☒ Transmittal Form
- ☒ Fee Transmittal Form
- ☒ PTO form 2038, Credit Card Payment Form for payment in the amount of \$
- ☒ Petition for Extension of Time
- ☒ Response under 37 CFR 1.111 (5 pages)

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to the Assistant Commissioner for Patents, Washington, D.C. 20231 on Jan. 28, 2003.


James R. Young, Reg. No. 30515

9 PAGE(S) TO FOLLOW THIS COVER SHEET

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PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 205.00)**Complete If Known**

Application Number 09/921,495

Filing Date 08/03/2001

First Named Inventor Stoneman et al.

Examiner Name H. Vy

Art Unit 2828

Attorney Docket No. CT1108

FAX RECEIVED**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None☐ Deposit AccountDeposit Account Number
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee

to the above identified deposit account

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
20**		X	
Independent Claims	3**	X	
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 5	
1203	200	2203	100	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	10	2205	5	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code Fee (\$)

1051 130 2051 65

1052 50 2052 25

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Surcharge - late filing fee or oath

Surcharge - late provisional filing fee or cover sheet

Non-English specification

For filing a request for re-examination

Requesting publication of SIH prior to examiner action

Requesting publication of SIH after examiner action

Extension for reply within first month

Extension for reply within second month

Extension for reply within third month

Extension for reply within fourth month

Extension for reply within fifth month

Notice of Appeal

Filing a brief in support of an appeal

Request for oral hearing

Petition to institute a public use proceeding

Petition to revive - unworkable

Petition to revive - unintentional

Utility issue fee (or reissue)

Design issue fee

Plant issue fee

Petitions to the Commissioner

Processing fee under 37 CFR 1.17(c)

Submission of Information Disclosure Stmt

Recording each patent assignment per property (times number of properties)

Filing a submission after final rejection (37 CFR § 1.129(a))

For each additional invention to be examined (37 CFR § 1.129(b))

Request for Continued Examination (RCE)

Request for expedited examination of a design application

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$205.00)**SUBMITTED BY**

Name (Print/Type) James R. Young

Registration No. (Attorney/Agent)

30515

Telephone

512-868-2606

Signature

Date

January 28, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 127 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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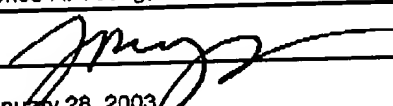
PTO/SK/21 (08-00)

Approved for use through 10/31/2002. OMH 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/921,495
	Filing Date	Aug 3, 2001
	First Named Inventor	Stonoman, Robert C.
	Group Art Unit	2828
	Examiner Name	H. Vy
Total Number of Pages in This Submission	Attorney Docket Number	CT1108

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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Remarks: TECHNOLOGY CENTER 2800		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	James R. Young, Patent Attorney
Signature	
Date	January 28, 2003

CERTIFICATE OF MAILING			
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Signature		Date	January 28, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#7
BLC
2-303

Applicant(s): Stoneman, et al.

Application No.: 09/921,495

Filed: 08/03/2001

Title: Eyesafe Q-Switched Er-Doped Solid
State Laser

Attorney Docket No.: CTT1108

Group Art Unit: 2828

Examiner: H. Vy

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RESPONSE UNDER 37 CFR 1.111

JAN 28 2003

Assistant Commissioner for Patents
Washington, D.C. 20231

TECHNOLOGY CENTER 2800

Dear Sir:

In response to the Office Action of August 28, 2002, consider the following remarks:

REMARKS

Reconsideration and further examination is respectfully requested. Claims 1-48 remain in the application.

Applicants have invented a laser device for producing laser radiation at an eyesafe wavelength from a diode-pumped solid-state laser. The device consists of three stages. The first stage is a laser diode whose output pumps the second stage. The second stage is a guided-wave laser, or guided-wave Raman-shifted laser, whose output pumps into the upper laser level of the laser of the third stage. The third stage is an Erbium-doped solid-state crystalline-host laser whose output wavelength is in the eyesafe region.

The Examiner rejected claims 1-4, 16-28 and 40-48 under 34 U.S.C. 103(a) as being